

ABSTRACT

5 The invention relates to a device for vibration
control in a machine for cutting, said machine compris-
ing a cutting tool supported by a tool holder. The device
comprises a control unit and converting means which are
connectible to the control unit and comprise a vibration
sensor and an actuator. The actuator comprises an active
10 element which converts an A.C. voltage supplied by the
control unit to the actuator into dimensional changes.
Said active element is adapted to be embedded in the body
of the tool holder and in such manner that said
dimensional changes impart turning moments to the body of
15 the tool holder.

The invention further relates to a method for vibra-
tion control in cutting.

The invention also relates to a tool holder.

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